

## KANAWHA RIVER BASIN

03169000 CLAYTOR RESERVOIR NEAR RADFORD, VA

**LOCATION.**--Lat 37°04'28", long 80°35'05", Pulaski County, Hydrologic Unit 05050001, at Claytor Dam on New River, 0.5 mi upstream from Little River, and 5.5 mi upstream from Radford.

**DRAINAGE AREA.**--2,382 mi<sup>2</sup>.

**PERIOD OF RECORD.**--May 1939 to current year (monthly figures only).

**REVISED RECORDS.**--WSP 2108: 1961-65 monthend contents and change in contents.

**GAGE.**--Water-stage recorder. Datum of gage is approximately at sea level (levels by Appalachian Power Company). Prior to Sept. 11, 1943, nonrecording gage at same site and datum.

**REMARKS.**--Reservoir is formed by gravity overflow concrete dam. Spillway with crest at elevation 1,818.5 ft is equipped with 9 lift gates 30 ft high by 50 ft wide. Dam completed and storage began May 22, 1939; water in reservoir reached minimum pool elevation in January 1940. Total level-pool capacity at elevation 1,847.0 ft, 1.5 ft below top of gates, is 230,100 acre-ft of which about 100,000 acre-ft is controlled storage above minimum pool elevation of 1,820.0 ft. Reservoir is used for hydroelectric power and recreation. U.S. Army Corps of Engineers satellite elevation telemeter at station.

**COOPERATION.**--Records were provided by the American Electric Power.

## MONTHEND ELEVATION AND CONTENTS AT 2400, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

Date	Elevation (feet)	Contents (acre-feet)	Change in contents (acre-feet)
Sep. 30.....	1,845.82	224,700	-
Oct. 31.....	1,845.82	224,700	0
Nov. 30.....	1,845.55	223,600	-1,100
Dec. 31.....	1,845.22	222,200	-1,400
CAL YR 1999.....			-300
Jan. 31.....	1,845.25	222,300	+100
Feb. 29.....	1,845.58	223,700	+1,400
Mar. 31.....	1,845.28	222,400	-1,300
Apr. 30.....	1,845.84	224,800	+2,400
May 31.....	1,845.70	224,200	-600
Jun. 30.....	1,845.31	222,600	-1,600
Jul. 31.....	1,845.68	224,100	+1,500
Aug. 31.....	1,845.48	223,300	-800
Sep. 30.....	1,845.55	223,600	+300
WTR YR 2000.....			-1,100

03169000 CLAYTOR RESERVOIR NEAR RADFORD, VA--Continued

